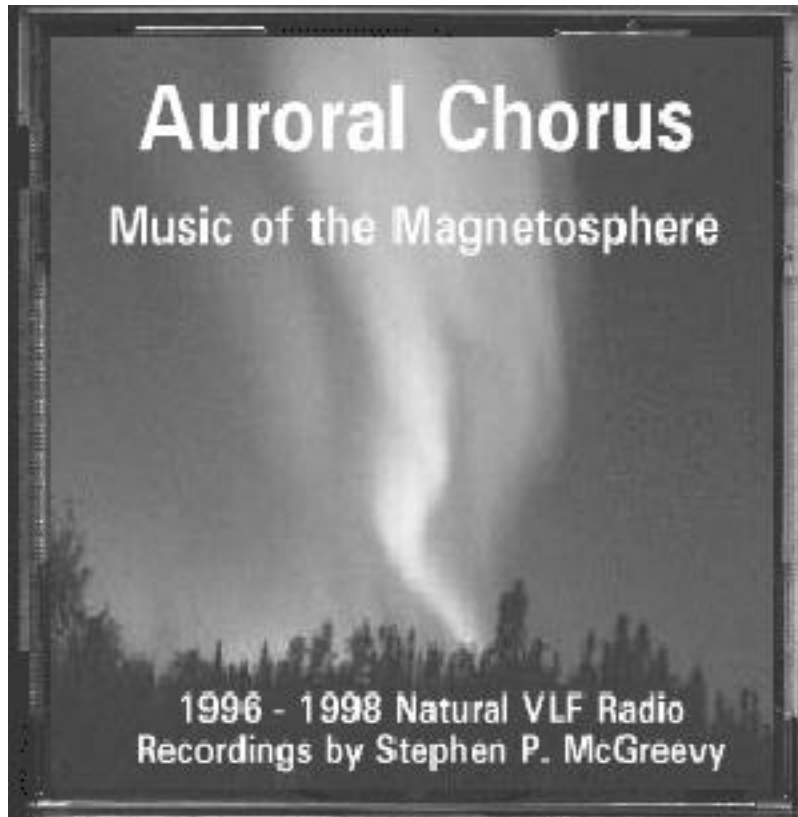


Natural Radio Recordings on CD (Demonstration CD included with the WR-3)

"Auroral Chorus (I) Music of the Magnetosphere"



23 tracks of field-recordings by Stephen P. McGreevy recorded in Alberta, Manitoba, Oregon, Nevada, and California. Mastered by Frank A. Moreno May 1999, re-mastered by Stephen P. McGreevy August 2001. Tracks are mono. Photo by S. McGreevy Aug. '96

Brief track descriptions for reference:

1) Alberta Wavering tone emissions - In a deeply remote Whitemud River region near Dixonville, AB, in a clearing surrounded by boreal forest. Taped during the June 1996 solar-minimum VLF expedition - June 02, 1996 - 7.30 p.m. Mountain time, 0130 UT. An amazing day - this natural radio sound was beautiful. - Duration: 10:49

2) Growler Whistlers and subtle background Dawn Chorus, Nightengale, northern Nevada, 19 April 1996 - about 7.00 a.m. Pacific time, 1400 UT - Duration: 2:28

3) Pure-tone whistlers after strong lightning static bursts - Waterton Peace park, Alberta

(Belly River campground - loop receivers) 20 June 1998 - 8 p.m. Mountain time, 0200 UT - recorded while I was making stereo recordings on another recorder. duration: 2:02

4) Nice recording of Dawn Chrous and risers, Waterton Peace Park, Alberta, Canada, 20 June 1998 - about 1400 UT. - Duration: 3:07

5) Alvord Desert Dawn Chorus - strong hiss and undulating chorus - Alvord Desert, Oregon, 18 August 1993 - 1430 UT. Previously unreleased recorded segment of this lovely chorus event. - Duration: 3:41

6) Periodic emissions (hooks) and nose whistlers, Whitemud River region, Alberta, 02 June 1996 - about 1400 UT - Duration: 4:07

7) Panamint Valley Whistler Shower - Panamint Valley, Death Valley Nat. Park, Calif. - 11 March 1998 - 1400 UT. The could be called 'Gentle Whistlers' by their soft tones, there are also some chorus 'risers.' . - Duration: 1:57 (some tape azimuth problems in this segment from the original field recording, but worth including on this CD)

8) Strong hissband, chorus, weak whistlers, Grass River Provincial Park, Manitoba (GRPP), 23 August 1996 - about 1410 UT. This and the next 6 tracks were taped during my August 1996 solar-minimum VLF expedition to Manitoba, Canada where the Northern Lights were seen every night. - Duration: 3:48

9) Auroral-zone Chorus mixture - Manitoba (GRPP) 23 Aug. 1996 - 1545 UT - duration: 2:33

10) Vigorous chorus mixture - GRPP, Manitoba, 23 Aug. 1996 - 1630 UT - duration: 4:29

11) Hiss, chorus, diffuse whistler train after lightning static burst, GRPP, manitoba - 23 August 1996 - 2245 UT duration: 2:01

12) "Ghostly tones" (whooping, low-pitched chorus) GRPP, Manitoba, 24 Aug. 1996 - 1430 UT, duration: 1:19

13) Strong auroral chorus, GRPP, Manitoba, 24 Aug. 1996, 1630 UT - kinda like a flock of shorbirds! duration: 1:36

14) Low-pitched chorus, squawking, dog-bark-like, 27 Aug 1996, 1545 UT, GRPP, Manitoba - duration: 1:12

15) Fine example of parallel/paired risers, GRPP, Manitoba, 23 Aug. 1996 - 1500 UT. duration: 0:39

- 16) Beautiful overlay of nose-whistlers and wavering tones/hooks, Whitemud River region, Alberta, 02 June 1996, 0130 UT. Astoundingly strong reception. - duration: 2:58
- 17) Pure-tone whistlers recorded on two loop receivers, Waterton Peace Park, Belly River campground, Alberta, 20 June 1998 - about 0130 UT. duration: 1:14
- 18) Mixture of risers (chorus), Waterton Park, AB, 20 June 1998, 1500 UT duration: 3:30
- 19) Short track of a couple of "growler" whistlers, Nightengale, northern Nevada (60 miles northeast of Reno), 17 Sept 1993, about 0300 UT. duration: 0:33
- 20) Nice ringy tweeks, taped near beautiful Wheeler Peak, eastern Nevada, 13 Sept. 1996 about 0800 UT. duration: 0:38
- 21) Lovely mixture of dawn chorus and whistlers, Black Rock Desert, n.w. Nevada, 22 Sept. 1996, 1330 UT duration: 3:00
- 22) Semi-diffuse (growley) whistlers recorded on a WR-3 near the lowest part of Death Valley, Calif. (Badwater) at about 0230 PST, 27 March 2000. duration: 0:19
- 23) Compilation of near-pure-tone whistlers recorded in central Nevada near Area 51/Rachel, NV, 17 Sept. 1999 n.w. Nevada, 22 Sept. 1996, approx. 0500 - 0505 PDT duration: 3:18

All tracks except for tracks 3 and 4 were recorded on a modified WR-3, called the 'WR-4b' - a receiver designed for use with a vehicle. The WR-4b is essentially identical in circuitry to the WR-3 except for a few additional minor modifications.

These brief descriptions fail to fully convey the sheer beauty and wonder of Earth's Natural VLF Radio phenomena. I take pride in presenting to you these beautiful 1996 and 1998 recordings of mine and hope you hear good Natural Radio with your own WR-3. *Stephen P. McGreevy, August 2001*

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